Datasheet for ABIN2854665

anti-DDX5 antibody (C-Term)

Go to Product page

3 Images

Overview

Quantity:	100 µL
Target:	DDX5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human DDX5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Chicken, Rhesus Monkey, Chimpanzee, Cow (Bovine)
Cross-Reactivity (Details):	Mouse (100 %), Rat (100 %), Chicken (85 %), Rhesus Monkey (100 %), Chimpanzee (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to DDX5 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 5) DDX5 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified. Cellular Localization: Nucleus , nucleolus
Molecular Weight:	69 kDa
Gene ID:	1655
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Regulation of Muscle Cell Differentiation, Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: A431 , H1299 , HeLa , HepG2
Restrictions:	For Research Use only

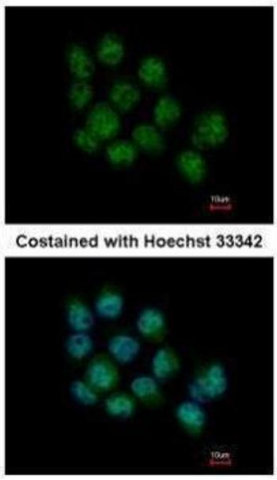
Handling

Format:	Liquid
Concentration:	1 mg/mL

Handling

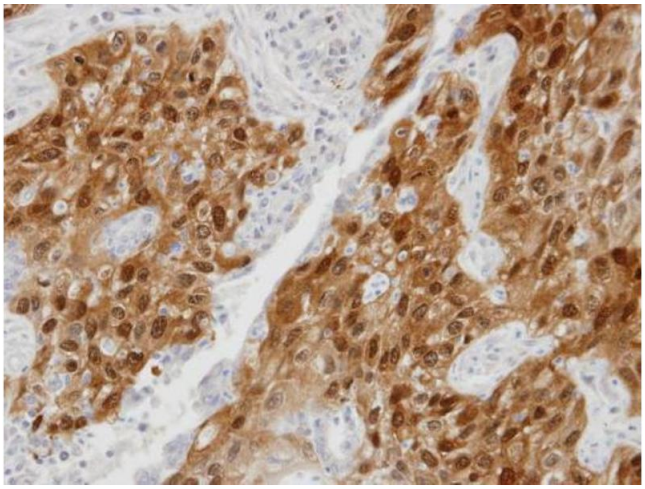
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104334 for Multiplex Immunohistochemistry (mIHC)



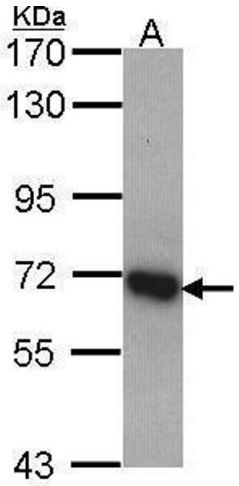
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using DDX5, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded lung SCC xenograft, using DDX5, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE DDX5 antibody antibody diluted at 1:1000